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Amendments to the Claims:

Listing of Claims:

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- 1. (currently amended) An in-plane switching mode (IPS) liquid crystal display (LCD) comprising:
- a bottom substrate, at least one pixel area being defined on an upper surface of the bottom substrate;
 - at least one first electrode disposed in the pixel area on the upper surface of the bottom substrate, the first electrode being a protrusion elongated along a first direction;
- at least one second electrode disposed in the pixel area on the upper surface of the bottom substrate, the second electrode being a protrusion elongated along the first direction, and the second electrode and the first electrode being in an interlaced arrangement;
- a plurality of bumps formed beneath the first electrode and the second electrode for changing the distribution of the biased electric field to enhance the driving ability of the biased electric field;
 - a conductive layer disposed on a surface of each bump;
 - a top substrate being in parallel with and opposite to the bottom substrate; and
 - a plurality of liquid crystal molecules filled in between the bottom substrate and the top substrate;
 - wherein a longitudinal axis of the liquid crystal molecules is positioned along a second direction and is horizontally arranged between the upper surface of the bottom substrate and a lower surface of the top substrate, and an angle is formed between the

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second direction and the first direction.

- 2. (original) The in-plane switching mode_liquid crystal display of claim I further comprising a first polarizer and a second polarizer disposed on an upper surface of the top substrate and a lower surface of the bottom substrate respectively.
- 3. (original) The in-plane switching mode_liquid crystal display of claim 2 wherein a polarized direction of the first polarizer is parallel to the second direction, and a polarized of the second polarizer is perpendicular to the second direction.
- 4. (withdrawn) The in-plane switching mode_liquid crystal display of claim
 2 wherein a polarized direction of the first polarizer is perpendicular to the
 15 second direction, and a polarized direction of the second polarizer is parallel to the second direction.
 - 5. (original) The in-plane switching mode_liquid crystal display of claim 1 wherein the first electrode comprises a transparent pixel electrode or a non-transparent pixel electrode.
 - 6. (original) The in-plane switching mode_liquid crystal display of claim 1 wherein a cross section of the first electrode is approximately in a shape of a rectangle, a triangle, or a semi-circle.
 - 7. (original) The in-plane switching mode_liquid crystal display of claim 1 wherein the second electrode comprises a transparent common electrode or a non-transparent common electrode.

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8. (original) The in-plane switching mode_liquid crystal display of claim 1 wherein a cross section of the second electrode is approximately in a shape of a rectangle, a triangle, or a semi-circle.

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9. (original) The in-plane switching mode_liquid crystal display of claim 1 further comprising an isolation layer disposed between the first electrode and the second electrode to isolate the first electrode and the second electrode for preventing the first electrode and the second electrode from short circuiting.

10 (cancelled)

- 11. (currently amended) The in-plane switching mode_liquid crystal display

 of claim [[10]] 1 wherein a biased electric field perpendicular to the first
 direction is formed between the first electrode and the second electrode
 when an external voltage is applied between the first electrode and the
 second electrode to accelerate the rotation of each liquid crystal molecule
 so as to reduce a driving voltage of the in-plane switching mode liquid

 crystal display.
 - 12. (original) The in-plane switching mode_liquid crystal display of claim 11 wherein the biased electric field is an electric field in parallel with a surface of the bottom substrate to maintain the rotation of each liquid crystal molecule on a fixed plane.

13. (cancelled)

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14. (currently amended) The in-plane switching mode_liquid crystal display of claim [[10]] 1 wherein a width of both of the first electrode and the second electrode is approximately 3-8 [[μ]] μ m, a spacing between the first electrode and the second electrode is approximately 8-16 [[μ]] μ m, and a height of each bump is approximately 0.5-2 [[μ]] μ m.

15. (original) The in-plane switching mode_liquid crystal display of claim 1 wherein the liquid crystal molecule comprises a negative dielectric constant anisotropy liquid crystal molecule or a positive dielectric constant anisotropy liquid crystal molecule.

16. (original) The in-plane switching mode_liquid crystal display of claim 1 further comprising a first alignment layer and a second alignment layer disposed on the lower surface of the top substrate and the upper surface of the bottom substrate respectively.

- 17. (withdrawn) An in-plane switching mode (IPS) liquid crystal display (LCD) comprising:
- a bottom substrate, at least one pixel area being defined on an upper surface of the bottom substrate;
 - at least one first electrode disposed in the pixel area on the upper surface of the bottom substrate, the first electrode being a protrusion elongated along a first direction;
 - at least one second electrode disposed in the pixel area on the upper surface of the bottom substrate, the second electrode being a protrusion elongated along the first direction, and the second electrode and the first electrode being in an interlaced

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arrangement;

- a top substrate being in parallel with and opposite to the bottom substrate; and
- a plurality of liquid crystal molecules filled in between the bottom substrate and the top substrate;
- wherein when a voltage is applied between the first electrode and the second electrode, a longitudinal axis of the liquid crystal molecules is positioned along a third direction which is substantially perpendicular to the first direction.

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18. (withdrawn) The in-plane switching mode liquid crystal display of claim 17 wherein a height of the first electrode is substantially equal to a height of the second electrode.

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